

# SUPERVISOR COMMENTS

## SEPTEMBER 2017

### Water Plant Updates from Spicer Engr. Jean Inman ...

**Week of Sept 1<sup>st</sup>** ... The backwash line, filtered effluent line and 1" water service were installed this week and passed pressure testing. The raw water line was also pressure tested. No insulation was needed on any of the water main installation as they were able to get down to grade without issue with the rock. Sterling has also started the site grading work. John E Green is working on the overhead piping inside the building. Next week they are going to do the driveway entrances. They held off this week due to the holiday weekend. Only one entrance will be done at a time to keep access to the site. The generator is scheduled to arrive on Tuesday. We received pricing from RCL for Bulletin 3 which adds a camera system for the new building. Five cameras will be added on the new building and a sixth camera will be mounted on a pole with a light at the new gate. There will also be loops added to the driveway so that the gate will automatically open upon exiting the site and then close after. This Bulletin will add \$18221.00 to the project. **Week of Sept. 8<sup>th</sup>** ... This week the generator arrived and was installed. Countyline has been running conduit and pulling wire to the generator and between the existing building and the new building this week and will continue to work on pulling wire and making connections next week. The seepage pond modifications were made this week and the septic system was installed and the health department approved it. The curbs for the south drive are poured and this drive is rough graded. The north drive has one curb poured this week and the other will be early next week. The concrete sidewalks and approaches at the new building are also done. There was additional sidewalk that was added to the project on the south side of the new building for an additional cost of \$1286. So by the end of next week, concrete on the project should be done. Site work and paving prep will continue next week and paving is expected the week of 9/18. MDOT changed the pavement cross section of the driveway entrances from 3.5" of asphalt to 6" of asphalt. They had made no mention of this during the application approval process. We did not receive the MDOT permit until after bids were received and they added this additional requirement. The additional cost is \$3039. The windows are scheduled to arrive the week of 9/25. **Week of Sept 15<sup>th</sup>** ...

**BS&A Training** ... Training with our new accounting software for Judy and Sharon was completed last week. John Gehris, the Treasurer from Whitney Township, was invited to participate in Thursday's p.m. session to add additional accounting clarity to the process, primarily for the Cemetery and Transfer Station Accounts.

**APM Mosquito Control** ... Synopsis of 2017 season with the following being an update from Chuck Mullins, the General Manager of APM ...

**April/May** ... Larvae detected on 3/27/17: Aerial application of 8000 lbs. of Bti 4/29/17. Pre-season larviciding completed on 5/04/17. 4911bs. of Bti by ground to 63 sites. Minimal calls received (15). New Jersey traps operational 5/18/17. Weather conditions hampered ULV efforts. Complete east route on 5/22, touch up and annoyance and party cards on west route. 35.1 UIV miles sprayed. **June** ... Weather conditions improved for spraying. First township wide UIV began 6/2. Total of 22 mosquito line calls. 12 nuisance mosquitos, 7 party, 1 complaint, 1 shutoff stakes, 1 information and off-road form/surveys. Completed Rd. 1 Of L & L with 144lbs. of Bti applied to 24 sites. 5.6" of rain recorded at 4330 Huron NJLT (Tim Roche) and 4.8" at HBGC during the month of June. Highest count of females occurred on 6/26 with 12 females at the HBGC trap. Normal route spraying was accomplished in June with 155.3 miles sprayed. **July** ... Nuisance calls increased to 35 in July, which was expected due to late June rain. 13 party calls. Female counts peaked at 23 on 7/19 at the Huron trap July rain averaged 2.5". Trucks were in township 19 times during month with total of 193 miles sprayed. Split the township into 4 routes to accommodate the increasing number of off road properties. Route spraying is scheduled for Monday and Tuesday however, nuisance calls or touchups are done nightly as needed. **August** ... Not Available, **Sept** ...Not Available.

The heavy rains June 19-26, had the potential to hatch Aedes Vexans hatched by the millions. Aedes Vexans are small, aggressive mosquitoes which have a flight range of approximately 10 miles, so there is a continuous migration of adults. 5" of rain fell during that week. All new eggs are deposited above the current water line, so as the water levels recede, new eggs are laid daily at a lower level. These eggs will lie dormant and not hatch until submerged in the future. The light trap counts reflect both the adult influx and results of spraying efforts. We treated yards and ditches throughout the township on 6/27 and 6/28. As reward of these efforts, the size of the new hatch was minimal. Our high average female count of July topped out at 20 on 7/19.

APM appreciates your business and we look forward to providing an effective abatement program for the residents of Sims. If you ever have any questions or need anything, I can be reached at the Gladwin office (989) 426-2420 or my cell (586) 292-1070.

